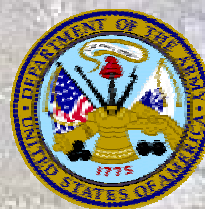


Central Region Review



U.S. Army Environmental Center Central Regional Office Kansas City, Missouri



★ AUGUST 2003 ★

★ REGIONS 6 & 7 ★

The *CENTRAL REGION REVIEW* provides current information on significant federal and state legislative and regulatory developments in Federal Regions 6 and 7. The *REVIEW* is prepared by Versar, Inc., in support of the Central Regional Environmental Office, to assist you in your compliance efforts. Current and past issues of this *REVIEW*, as well as regional updates and alerts, are available on the Internet at <http://aec.army.mil/usaec/reo/creo00.html>. Please email CREO.Regulatory.Specialist@nwk02.usace.army.mil or phone (816) 983-3444 if you have any questions or suggestions, or if you would like to subscribe to the *REVIEW*.

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TRAINING COURSES AND WORKSHOPS

USACE PROSPECT Training. This program provides job-related training through technical, professional, managerial and leadership courses to meet the unique needs of the USACE and other government agencies. The courses are open to all federal agencies. The current fiscal year schedule of classes is available at <http://pdsc.usace.army.mil/courseschedule.asp>.

MDNR Workshops for Online Emissions Inventories. MDNR's Environmental Assistance Office will be offering workshops for users of Missouri's new online Emissions Inventory Questionnaire system in 2003. The Internet-based system for entering emission inventory data will be available for businesses to use for their calendar 2002 emissions reporting. Workshop locations and dates are being finalized. When the workshops are scheduled, they will be announced at <http://www.dnr.state.mo.us/oac/calendar.htm>. For more information, please contact Omer Roberts, MDNR, at (800) 361-4827 or (573) 526-6627.

EPA Environmental Response Training Program. The latest information on all training offered through this program is available at <http://www.ertresponse.com/Training/index.htm> (including specific locations of the training). For further information, please contact Patricia Maxwell, EPA, at Maxwell.Patricia@epamail.epa.gov.

Advanced Risk Communication Workshop. The CHPPM is presenting this workshop to instruct participants how to identify, build, maintain, and utilize strategic partnerships and plans to support an organization's mission. The workshop will provide participants with hands-on experience in applying the steps of the risk communication process, on-camera media practice, and seminar-style discussions of "hot" issues impacting military health and readiness. Classes are scheduled for **2-5 August 2004** in **Salt Lake City, Utah** and **13-15 January 2004** in **San Diego, California**. For more information, please visit <http://chppm-www.apgea.army.mil/risk> or contact Suaquita Perry at (410) 436-3515.

22nd Annual Hazardous Waste Management Summer Institute. Session I: Introduction to Hazardous Waste Management: Intermediate, is a comprehensive discussion of generator management issues. Session II: Advanced Hazardous Waste Management, explores the most difficult and contentious issues facing managers and regulators. The summer institute is scheduled for **4-8 August 2003** in **Columbia, Missouri**. For more information, please visit http://muconf.missouri.edu/hazardous_waste or call (573) 882-8320.

EPA Regions 5 and 7 EMS Workshop. The EPA developed "Designing Your EMS: A Federal Facilities Workshop" for federal facility environmental managers and staff who have responsibilities for implementing EO 13148, "Greening the Government Through Leadership in Environmental Management." Workshop attendees will learn what constitutes the basic elements of an EMS and what steps are required in order to accomplish the implementation of an EMS at their facilities. This workshop is scheduled for **5-7 August 2003** in **Kansas City, Kansas**. The Army will hold an EMS breakout session the afternoon of 7 August 2003, following the workshop. For more information, please visit http://www.epa.gov/region07/news_events/events/ems_workshop/agenda.htm; or contact Diana Jackson, EPA, at jackson.diana@epa.gov.

Cleanup Site Closure: Integrating Regulatory and Administrative Activities. This course, presented by the Resource Training Institute, is for personnel who are involved in the planning and implementation of closure and post-closure care activities at hazardous and mixed waste management facilities and/or environmental restoration projects. Topics covered include CERCLA action completion, NPL deletion, RCRA hazardous waste management unit closure, conducting integrated planning of closure and post-closure care activities when CERCLA or RCRA programs apply at a site, and case studies to illustrate these activities. The course is scheduled for **11-12 August 2003** in **Las Vegas, Nevada**. For more information, please visit <http://www.rti.org>; or contact the RTI Registrar at (803) 652-8830 or registrar@rti.org.

12th Annual ITAM Workshop. The theme for the 2003 ITAM Workshop is "Common Dirt – Make It Work." For the fifth consecutive year, the workshop will include a GIS Day. The theme for GIS Day is "Supporting Military Readiness Through GIS." Hosted by Fort Bliss, Texas, the workshop is scheduled for **18-23 August 2003** in **El Paso, Texas**. For further information, please visit <http://www.army-itam.com/workshop/12th/workshop.jsp>.

Bi-National Cultural Resource Law Enforcement Along the U.S./Mexico Border Training. Southwest Strategy's U.S./Mexico Relations Work Group is presenting this training on **19-21 August 2003** in **Rio Rico, Arizona**. Attendees will be presented an overview of the Archeological Resources Protection Act and the serious looting problem of archeological sites on Indian and federal lands in the United States; both U.S. and Mexico representatives will make presentations about relevant laws and initiatives protecting cultural resources from illicit smuggling across the U.S./Mexico border; and an update on emergent border issues, including an extended session on Homeland Security, will be presented. For further information, please contact Garry Cantley, Bureau of Indian Affairs, at (602) 379-6750.

Health Risk Communication Workshops. CHPPM is offering introductory and advanced health risk communication workshops that will show you how to identify, build, maintain, and utilize strategic partnerships and plans that will support your organization's mission now and in the future. An advanced workshop is scheduled for **24-26 August 2003** in **San Antonio, Texas**. There are no workshops scheduled in any other region 6 or 7 state. For more information, and a schedule for these workshops in other regions, please visit <http://chppm-www.apgea.army.mil>; or contact Suaquita Perry at (410) 436-3515.

Historic Preservation Law and Section 106 Compliance Course. This course emphasizes legal compliance (the National Historic Preservation Act Section 106 process) through the use of actual case studies. It addresses legislation and the process to meet the requirements of the law. Course content includes, but is not limited to, the stewardship role, use of historic properties, and communications with related oversight agencies. This is an

ISEERB-approved course. The course is scheduled for **23-25 September 2003** in **Newport, Rhode Island**. For more information or to register, please visit <https://www.cecos.navy.mil>.

Solid Waste Association of North America WASTECON 2003. WASTECON hosts technical sessions on a variety of topics, exhibits from over 250 vendors, and a large section of high quality training opportunities. It is scheduled for **14-16 October 2003** in **St. Louis, Missouri**. Training courses begin 12 October 2003. For more information, please visit <http://www.wastecon.org>.

UXO Basic Training. Sponsored by the EPA and TCEQ, UXO Basic Training is relevant for anyone working on or concerned about identifying, investigating and/or cleaning up UXO sites. Over the course of two days, program participants will be introduced to basic terminology, OE/UXO identification, safety concerns, regulatory requirements, conventional and innovative technology, site characterization, and remediation. The course is scheduled for 28-29 October 2003 in Austin, Texas. For further information, please visit <http://www.itrcweb.org/common/content.asp?en=NA333828&sea=Yes&set=Both&sca=Yes&sct=Long#18275>.

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CONFERENCES AND SYMPOSIUMS

8th Annual Joint Services P2 and HWM Conference and Expo. The 2003 theme is "Sustaining Readiness Through Environmental Stewardship." This is one of the largest conferences of its kind – dedicated to the preservation and improvement of the environment through investment in pollution prevention and proactive management of hazardous waste. The conference provides an open forum for exchanging ideas, success stories, case histories and technologies related to pollution prevention and hazardous waste management. This conference is scheduled for **11-14 August 2003** in **San Antonio, Texas**. For more information, please visit <http://www.p2-hwmconference.com>; or contact Sam Campagna at scampagna@ndia.org.

2003 RCRA National Meeting. The 2003 Resource Conservation and Recovery Act National Meeting, "RCRA: Putting Resource Conservation into RCRA," is scheduled for **12-15 August 2003** in **Washington, D.C.** This year's National Meeting focuses on the Resource Conservation Challenge, which is a major national effort to find ways to conserve natural resources through waste reduction and energy recovery programs. More information is available at <http://www.epa.gov/osw/meeting>; or 68 Federal Register 12904 (18 March 2003).

ASTSWMO Federal Facilities Manager's Symposium. Entitled "Learning from the Past, Building for the Future," this symposium is designed to promote better understanding and foster better communication on critical federal facilities issues that are important to the states. The symposium is scheduled for **20-22 August 2003** in **Portland, Oregon**. For further information, please contact Dania Rodriguez at (202) 624-5973 or daniar@sso.org.

Local Emergency Planning Committee/Tribal Emergency Response Commission Conference. This conference will bring together experts in the field of chemical risks and safety in efforts to learn more about protection from chemical risks and how to promote chemical safety. Session topics will include metropolitan medical response system, critical incident stress management, jurisdictional issues of quarantine and evacuation, national pharmaceutical stockpile, transportation of chemicals, local emergency planning committee basics, federal/state response capabilities, and homeland security. The conference is scheduled for **22-24 August 2003** in **Omaha, Nebraska**. For further information, please visit <http://www.mckinzieconstruction.com>, or http://www.epa.gov/region07/news_events/index.htm.

2003 Kansas Environmental Conference. This conference is scheduled for **26-27 August 2003** in **Wichita, Kansas**. There will be a variety of environmental issues discussed, networking opportunities, exhibitors and special events. This conference is for businesses, community leaders, public works, and anyone interested in environmental regulations, pollution prevention, and new technologies. For further information, please visit http://www.kdhe.state.ks.us/sbcs/2003_environment_conf.html.

Major Implications of Revised SPCC Rules Audio and Web Conference. Presented by the Air and Waste Management Association, this audio and web conference is scheduled for **8 September 2003** from 2:00 to 4:00 p.m. Eastern time. Panelists include the Director of the Oil Program Center, EPA Office of Emergency and Remedial Response; attorney with the American Petroleum Institute; Regional Counsel, U.S. Army Environmental Center; and Executive Director of the Utility Solid Waste Activities Group. The Air and Waste Management

Association's web site is at <http://www.awma.org>. For further information, please contact Joel Anne Sweithelm (jsweithelm@awma.org) or Carrie Hartz (chartz@awma.org), Air and Waste Management Association, at (412) 232-3444, ext. 3141.

Academy of Certified Hazardous Materials Managers 2003 National Conference. This conference, titled "The Challenging World of Hazardous Materials Management," deals with the unusual, unforeseen, and the unexpected in hazmat and environmental health and safety management, as well as traditional problems and solutions. Topics covered include (1) chemical and biological terrorism: homeland security and current events, (2) management of an anthrax response through an EMS, and (3) reflection on the environment and national policy. The conference is scheduled for **14-17 September 2003** in **Dallas, Texas**. For further information, please visit <http://www.achmm.org/achmmnew>; or email academy@achmm.org.

2003 Hazardous Waste Disposal Contracting Symposium. This symposium, which is scheduled for **16-17 September 2003** in **Battle Creek, Michigan**, is devoted to a variety of topics relating to the disposal of hazardous items. For further information, please visit <http://www.drms.dla.mil/drmsp/symposium2003/invite.pdf>; or contact Joe Bednar at (269) 961-7546 or Joe.Bednar@dlm.mil.

18th Annual Hazardous Materials Management Conference on Household and Small Business Waste. Highlights of this conference, which is scheduled for **6-10 October 2003** in **Kansas City, Missouri**, include speakers, technical tracks, training and tours. For further information, please visit <http://www.nahmma.org>; or contact John Shidler at (913) 299-0486 or jshi06448@aol.com.

Brownfields 2003 Conference. This conference on brownfields cleanup and reuse will include panel sessions, mobile workshops, Marketplace of Ideas roundtable discussions and individual poster presentations. The conference is scheduled for **27-29 October 2003** in **Portland, Oregon**. For further information, please visit <http://www.epa.gov/brownfields> or <http://yosemite.epa.gov/r10/cleanup.nsf/sites/bf>.

Conference on Sustainable Range Management. This conference will provide a venue for exchange of information benefitting all stakeholders involved with range management issues. The technical programs will include urban growth and encroachment issues, management of airspace, noise abatement issues, air quality management, threatened and endangered species habitat protection, military munitions response program, and cleanup of munitions and explosives of concern. The conference is scheduled for **5-8 January 2004** in **New Orleans, Louisiana**. For further information, please visit <http://www.battelle.org/rangecon>.

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FEDERAL ACTIONS

EPA FINAL RULES

Water Quality Standards for Kansas (68 FR 40427; 7 July 2003). The EPA is promulgating a primary contact recreation use designation for 1,056 waters, an expected aquatic life use designation for one of these waters, and a secondary contact recreation use designation for 230 waters in the State of Kansas to replace the use designations for those waters that the EPA disapproved in 1998. The EPA is promulgating these final water quality standards for the State of Kansas at this time pursuant to a court order requiring the Administrator to sign a final rule by 30 June 2003. Once the State of Kansas submits the necessary analyses and any corresponding changes to its water quality standards for specific waters and the EPA approves that submission, the EPA will initiate a rulemaking to withdraw this regulation for those waters. This rule is effective 6 August 2003. For further information, please contact Martin Kessler at (913) 551-7003 or r7actionline@epa.gov.

Approval and Promulgation of State Plans for Designated Facilities and Pollutants; State of Iowa (68 FR 40531; 8 July 2003). The EPA is approving a revision to Iowa's rule for controlling emissions from existing sources subject to the section 111(d) emission guidelines. This revision updates the adoption by reference of federal requirements applicable to these sources. This direct final rule will be effective 8 September 2003, unless the EPA receives adverse comments by 7 August 2003. For further information, please contact Wayne Kaiser at (913) 551-7603 kaiser.wayne@epa.gov.

Approval and Promulgation of Implementation Plans and Operating Permits Program; State of Nebraska (68 FR 40528; 8 July 2003). The EPA is announcing approval of revisions to the Nebraska SIP and Operating Permits Program. On 7 September 2001, and 10 May 2002, the state updated its air program rules to be consistent with federal requirements, to revise definitions, and to clarify applicability, reporting, and monitoring requirements. This direct final rule will be effective 8 September 2003, unless the EPA receives adverse comments by 7 August 2003. For further information, please contact Wayne Kaiser at (913) 551-7603 kaiser.wayne@epa.gov.

EPA PROPOSED RULES

Proposed Approval of Revisions and Notice of Resolution of Deficiency for Clean Air Act Operating Permits Program in Texas (68 FR 40871; 9 July 2003). The EPA is proposing to approve revisions to the Texas title V Operating Permit Program submitted by TCEQ on 9 December 2002. In a Notice of Deficiency published on 7 January 2002, the EPA notified Texas of the agency's finding that the State's periodic monitoring regulations, compliance assurance monitoring regulations, periodic monitoring and CAM general operating permits, statement of basis requirement, applicable requirement definition and potential to emit registration regulations did not meet the minimum federal requirements of the Clean Air Act and the regulations for state operating permit programs. This action proposes approval of revisions TCEQ submitted to correct the identified deficiencies. The action also proposes approval of other revisions to the Texas title V Operating Permit Program submitted on 9 December 2002, which relate to concurrent review and credible evidence. The 9 December 2002 submittal also included revisions to the Texas SIP. The comment period closes 8 August 2003. For further information, please contact Stanley Spruiell at (214) 665-7212 spruiell.stanley@epa.gov.

Approval and Promulgation of Implementation Plans; Texas; Revisions to Regulations for Permits by Rule, Control of Air Pollution by Permits for New Construction or Modification, and Federal Operating Permits (68 FR 40865; 9 July 2003). The EPA is proposing to approve revisions of the Texas SIP. The plan revisions include changes that Texas adopted to address deficiencies that were identified on 7 January 2002, and other changes adopted by Texas to regulations that include provisions for permits by rule and standard permits. This includes revisions that TCEQ submitted to the EPA between 29 April 1994 and 9 December 2002. The comment period closes 8 August 2003. For further information, please contact Stanley Spruiell at (214) 665-7212 spruiell.stanley@epa.gov.

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REGION 6 STATE ACTIVITY

Regulatory & Legislative Web Sites	
Arkansas Department of Environmental Quality (ADEQ)	http://www.adeq.state.ar.us
Arkansas General Assembly	http://www.arkleg.state.ar.us/
Louisiana Department of Environmental Quality (LDEQ)	http://www.deq.state.la.us
Louisiana Legislature	http://www.legis.state.la.us/
New Mexico Environment Department (NMED)	http://www.nmenv.state.nm.us/
New Mexico Legislature	http://legis.state.nm.us/
Oklahoma Department of Environmental Quality (ODEQ)	http://www.deq.state.ok.us
Oklahoma Legislature	http://www.lsb.state.ok.us/
Texas Commission on Environmental Quality (TCEQ)	http://www.tnrcc.state.tx.us
Texas Legislature	http://www.capitol.state.tx.us/

ARKANSAS

Legislative/Regulatory Activity

There is no Arkansas legislative or regulatory activity to report this month.

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LOUISIANA

Legislative/Regulatory Activity

There is no Louisiana legislative or regulatory activity to report this month.

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NEW MEXICO

Legislative/Regulatory Activity

NEW MEXICO REGULATORY ACTIVITY

(UPDATE) **Revisions to Open Burning Regulation (20 NMAC 2.60).** NMED is developing a proposal for changes to the state's air quality regulation on open burning. This proposal would eliminate permits for open burning. Burners would need to know and follow the requirements for the kind of burning they are doing. This regulation applies to almost all types of outdoor burning, including trash, weed, yard waste, agricultural, and prescribed burning. The regulation applies statewide, except in Bernalillo County and on Tribal and Pueblo lands. *For further information, please contact Brad Musick at (505) 827-0335.*

(UPDATE) **Implementation of the Federal Regional Haze Plan.** NMED is discussing implementation of the federal regional haze rule. The regional haze rule requires the state to develop SIPs to assure reasonable progress towards meeting the national goal of preventing any future, and remedying any existing, impairment of visibility in national parks and wilderness areas as a result of manmade pollution. Following collaboration with the Western Regional Air Group, the Department will submit its SIP under Section 309. Staff expect the proposed SIP to go before the Environmental Improvement Board by November 2003. The Department will notice the proposal for comment in September 2003. *For further information, please contact Mary Uhl at (505) 955-8086.*

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OKLAHOMA

Legislative/Regulatory Activity

There is no Oklahoma legislative or regulatory activity to report this month.

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TEXAS

Legislative/Regulatory Activity

STATE OF TEXAS FINAL RULE

(UPDATE) **Incorporation of New/Amended MACT Standards (30 TAC 113.110, 113.120-1070, 113.1260).** TCEQ has adopted amendments to Chapter 113 to incorporate amendments to NESHAPs for source categories that the EPA has made to 40 CFR 63. These are technology-based standards commonly referred to as the MACT standards. In addition, the new sections incorporate by reference 18 MACT standards that have not been previously incorporated into Chapter 113 as well as the 34 MACT standards revised by the EPA since TCEQ adopted new and revised standards on 14 June 2000. The effective date of this rule was 9 July 2003. *For further information, please contact Alan Henderson at (512) 239-1510.*

NOTE: Please see the following EPA actions related to Texas under **EPA PROPOSED RULES:** (1) Proposed Approval of Revisions and Notice of Resolution of Deficiency for Clean Air Act Operating Permits Program in Texas; and (2) Approval and Promulgation of Implementation Plans; Texas; Revisions to Regulations for Permits by Rule, Control of Air Pollution by Permits for New Construction or Modification, and Federal Operating Permits.

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REGION 7 STATE ACTIVITY

Regulatory & Legislative Web Sites

Iowa Department of Natural Resources (IDNR)	http://www.state.ia.us/dnr/
Iowa General Assembly	http://www.legis.state.ia.us/
Kansas Department of Health and Environment (KDHE)	http://www.kdhe.state.ks.us
Kansas Legislature	http://www.kslegislature.org/cgi-bin/index.cgi
Missouri Department of Natural Resources (MDNR)	http://www.dnr.state.mo.us/homednr.htm
Missouri General Assembly	http://www.moga.state.mo.us/
Nebraska Department of Environmental Quality (NDEQ)	http://www.deq.state.ne.us
Nebraska Legislature	http://www.unicam.state.ne.us/

IOWA

Legislative/Regulatory Activity

STATE OF IOWA PROPOSED RULE

(UPDATE) **Open Burning Rule Revisions (567 IAC 23)**. IDNR has proposed amendments to the open burning rules that include a new exemption for the controlled burning of demolition debris. The proposal also provides additional clarifications. The Environmental Protection Commission granted permission to proceed with the open burning rulemaking, including the addition of provisions for the controlled burning of demolition debris by cities. A public hearing is scheduled for 7 August 2003; comments are due by 13 August 2003. *For further information, please contact Wayne Gieselman at (515) 281-8916.*

NOTE: Please see the following EPA action related to Iowa under **EPA FINAL RULES**: Approval and Promulgation of State Plans for Designated Facilities and Pollutants; State of Iowa.

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KANSAS

Legislative/Regulatory Activity

STATE OF KANSAS REGULATORY ACTIVITY

(NEW) **Revisions to Kansas Surface Water Quality Standards (KAR 28-16-28b, 28-16-28e)**. KDHE is proposing revisions to the Kansas Surface Water Quality Standards. The proposed rules set risk-based numeric criteria for recreational water uses. A public hearing is scheduled for 28 August 2003. *For further information, please contact Bret Holman at (785) 296-5508.*

NOTE: Please see the following EPA action related to Kansas under **EPA FINAL RULES**: Water Quality Standards for Kansas.

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MISSOURI

Legislative/Regulatory Activity

There is no Missouri legislative or regulatory activity to report this month.

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NEBRASKA

Legislative/Regulatory Activity

There is no Nebraska legislative or regulatory activity to report this month.

NOTE: Please see the following EPA action related to Nebraska under **EPA FINAL RULES:** Approval and Promulgation of Implementation Plans and Operating Permits Program; State of Nebraska.

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Acronyms and Abbreviations

ACSIM = Assistant Chief of Staff for Installation Management
ADEQ = Arkansas Department of Environmental Quality
AEDB = Army Environmental Database
AFCEE = U.S. Air Force Center for Environmental Excellence
AFIT = Air Force Institute of Technology
ANPRM = Advance Notice of Proposed Rulemaking
ANSI = American National Standards Institute
APA = American Planning Association
AQCR = Air Quality Control Region
AST = aboveground storage tank
ASTSWMO = Association of State and Territorial Solid Waste Management Officials
ATV = all-terrain vehicle
AWMA = Air & Waste Management Association
BRAC = Base Realignment and Closure
CAA = Clean Air Act
CADD = computer-aided design and drafting
CAM = compliance assurance monitoring
CAMU = corrective action management unit
CARB = California Air Resources Board
CBT = computer-based training
CCAR = Coordinating Committee for Automotive Repair
C&D = construction and demolition
CECOS = Civil Engineer Corps Officers
CERCLA = Comprehensive Environmental Response, Compensation and Liability Act
CESQG = conditionally exempt small-quantity generator
CFC = chlorofluorocarbon
CFR = Code of Federal Regulations
CHPPM = U.S. Army Center for Health Promotion and Preventative Medicine
CISWI = commercial and industrial solid waste incinerator
CO = carbon monoxide
CREO = Central Regional Environmental Office
CSR = Code of State Regulations
CTT = closing, transferring and transferred ranges
CWA = Clean Water Act
DAC = Defense Ammunition Center
DENIX = Defense Environmental Network & Information eXchange
DERP = Defense Environmental Restoration Program
DFW = Dallas/Fort Worth
DNT = dinitrotoluene
DoD = U.S. Department of Defense
DOE = U.S. Department of Energy
DOI = U.S. Department of Interior
DOT = U.S. Department of Transportation
DRMS = Defense Reutilization and Marketing Service
DSMOA = Defense/State Memorandum of Agreement
EA = environmental assessment
ECAS = Environmental Compliance Assessment System
ECHO = Enforcement and Compliance History Online
ECOS = Environmental Council of the States
ECSR = Environmental Compliance Status Report
EIS = environmental impact statement
EMR = environmental management review

EMS = environmental management system
EO = executive order
EPA = U.S. Environmental Protection Agency
EPAS = Environmental Performance Assessment System
EPCRA = Emergency Planning and Community Right-to-Know Act
ER = environmental restoration
ERC = emission reduction credit
ERTP = Environmental Response Training Program
ETMD = Environmental Training and Management Division
EVR = enhanced vapor recovery
FIFRA = Federal Insecticide, Fungicide and Rodenticide Act
FFEO = Federal Facilities Enforcement Office
FM = facilities management
FR = Federal Register
FS = feasibility study
FUDS = Formerly Used Defense Sites
FY = fiscal year
GAO = General Accounting Office
GIS = geographic information system
gpd = gallons per day
GSA = General Services Administration
HAP = hazardous air pollutant
HAZMAT = hazardous materials
HB = House Bill
HGA = Houston/Galveston Area
HJR = House Joint Resolution
HM = hazardous material
HMIRS = Hazardous Materials Information Resource System
HMIWI = hospital/medical/infectious waste incinerator
HMX = high melting point explosive
HQ = headquarters
HSB = House Study Bill
HTRW = hazardous/toxic and radioactive waste
IAC = Iowa Administrative Code
IDNR = Iowa Department of Natural Resources
I&M = inspection and maintenance
IMI = Installation Management Institute
ISEERB = Interservice Environmental Education Review Board
ISO = International Organization for Standardization
ISR = Installation Status Report
ITAM = Integrated Training Area Management
ITRC = Interstate Technology Regulatory Council
KAR = Kansas Administrative Rules
KCMA = Kansas City Metropolitan Area
KDA = Kansas Department of Agriculture
KDHE = Kansas Department of Health and Environment
kW = kilowatt
LAC = Louisiana Administrative Code
LB = legislative bill
LDEQ = Louisiana Department of Environmental Quality
LDR = land disposal restriction
LPDES = Louisiana Pollutant Discharge Elimination System
LPST = leaking petroleum storage tank
LQG = large quantity generator
LT1 = Long Term 1
LUC = land use control
LUST = leaking underground storage tank
MACT = maximum achievable control technology
MCL = maximum contaminant level

MDNR = Missouri Department of Natural Resources
MDS = minimum desirable streamflow
MEG = Military Environmental Group
MEK = methyl ethyl ketone
mg/L = milligram per liter
mg/yr = megagrams per year
MMR = Military Munitions Rule
mph = mile per hour
MP&M = metal products and machinery
M2R = Military Munitions Rule
mrem/yr = millirem per year
MS4 = municipal separate storm sewer system
MSDS = material safety data sheet
MSWG = Multi-State Working Group
MSWLF = municipal solid waste landfill
MSWTS = municipal solid waste transfer station
MTBE = methyl tertiary butyl ether
MVECP = Motor Vehicle and Engine Compliance Program
MWC = municipal waste combustion
NAAQS = National Ambient Air Quality Standard
NAICS = North American Industry Classification System
NDEQ = Nebraska Department of Environmental Quality
NDIA = National Defense Industrial Association
NEPA = National Environmental Policy Act
NESHAP = National Emission Standards for Hazardous Air Pollutants
NFPA = National Fire Protection Association
NGWA = National Ground Water Association
NHPA = National Historic Preservation Act
NMAC = New Mexico Administrative Code
NMED = New Mexico Environment Department
NOx = nitrogen oxides
NORM = naturally occurring radioactive material
NPDES = National Pollutant Discharge Elimination System
NRC = Nuclear Regulatory Commission
NREO = Northern Regional Environmental Office
NSP = new source performance
NSR = new source review
OAC = Oklahoma Administrative Code
ODEQ = Oklahoma Department of Environmental Quality
OE = ordnance and explosives
ORVR = onboard refueling vapor recovery
OSHA = Occupational Safety and Health Administration
OSPR = Oil Spill Prevention and Response Act
OSSF = on-site sewage facility
P2 = pollution prevention
PASS = Permit Application Software System
PBR = permit by rule
PBT = persistent bioaccumulative toxin
PCB = polychlorinated biphenyl
pCi/L = picocurie per liter
PEMS = Predictive Emission Monitoring Systems
P.L. = public law
PM = particulate matter
POC = point of contact
POM = Program Objective Memorandum
POTW = publicly owned treatment works
ppb = part per billion
ppm = part per million
PSD = prevention of significant deterioration
PST = petroleum storage tank

PSTTF = Petroleum Storage Tank Trust Fund
 PTE = potential to emit
 RACM = reasonably available control measures
 RACT = reasonably available control technology
 RCRA = Resource Conservation and Recovery Act
 RDX = Royal Demolition eXplosive
 REC = Regional Environmental Coordinator
 RFG = reformulated gasoline
 RI = remedial investigation
 RICE = reciprocating internal combustion engine
 ROD = record of decision
 SAME = Society of American Military Engineers
 SB = Senate Bill
 SDWA = Safe Drinking Water Act
 SDWIS = Safe Drinking Water Information System
 SERDP = Strategic Environmental Research and Development Program
 SIC = Standard Industrial Classification
 SIP = State Implementation Plan
 SM = Senate Measure
 SPCC = Spill Prevention, Control, and Countermeasure
 SQG = small quantity generator
 SREO = Southern Regional Environmental Office
 TAC = Texas Administrative Code
 TBD = to be determined
 TCEQ = Texas Commission on Environment Quality
 TCM = transportation control measure
 TERP = Texas Emissions Reduction Plan
 TIM = Transformation of Installation Management
 TMDL = total maximum daily load
 TPDES = Texas Pollutant Discharge Elimination System
 TRI = Toxics Release Inventory
 TRI-DDS = Toxics Release Inventory – Data Delivery System
 TRRP = Texas Risk Reduction Program
 TSCA = Toxic Substances Control Act
 tpy = tons per year
 TNT = trinitrotoluene
 TXEP = Texas Environmental Partnership
 UIC = underground injection control
 USACE = U.S. Army Corps of Engineers
 USAEC = U.S. Army Environmental Center
 U.S.C. = United States Code
 USFWS = U.S. Fish and Wildlife Service
 USGS = U.S. Geological Survey
 UST = underground storage tank
 UXO = unexploded ordnance
 VOC = volatile organic compound
 WET = whole effluent toxicity
 WMM = waste military munitions
 WQBEL = water quality-based effluent limit
 WQMP = Water Quality Management Plan
 WREO = Western Regional Environmental Office
 ug/L = microgram per liter

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